

Tsinghua Shenzhen International Graduate School

2020- 2021 Master's and Doctoral Programs

Tsinghua SIGS works to increase collaboration with industry in the City and the Greater Bay area; implement project-based learning; and integrate design thinking, technology innovation, entrepreneurial skills, leadership, cross-cultural teamwork and ethics in our graduate programs. We offer 20 Master's and 14 Doctoral degree programs for domestic and international students. Programs are offered bilingually in English and Chinese or require a Chinese Proficiency Test score (HSK). Please check remarks for more information on language requirements.

Master's Programs

Major	Research Field	Remarks
Electronic Information	Electronics and Communication Engineering	
	Computer Technology	
	Data Science and Engineering	
	Artificial Intelligence	HSK band 4 with a score of 195 or above.
	Interactive Media Design and Technology	
	Biomedical Engineering	HSK band 4 with a score of 195 or above.
	Instrument and Meter Engineering	
Mechanical Engineering	Intelligent Manufacturing	
Materials and Chemical Engineering	Functional Materials and Devices	
	Pharmaceutical Engineering	
Earth Resources and Environment	Environmental Engineering	
Energy and Power Engineering	Electrical Engineering	HSK band 4 with a score of 195 or above.

Earth Resources and Environment	Marine Technology and Engineering	HSK band 4 with a score of 195 or above.
Civil and Hydraulic Engineering		HSK band 4 with a score of 195 or above.
Electronic Information		HSK band 4 with a score of 195 or above.
Logistics Engineering and Management	Logistics Engineering and Management	HSK band 4 with a score of 195 or above.
Electronic Information	Internet Innovation Design	Tsinghua-CRI Joint Master Program
Public Administration	Hospital Management	HSK band 5 with a score of 180 or above.
Chemistry	Chemical Biology (Pharmacy)	HSK band 4 with a score of 195 or above.
Precision Medicine and Healthcare	Biology-Nanobiology-Bioinformatique	Tsinghua-CRI Joint Master Program
Master of Architecture	Master of Architecture in Future Human Habitat Design	All courses are taught in English.
Master of Professional Accounting	Master Program in Advanced Financial Management and Big Data	Relying on the cultivation of School of Economics and Management in Tsinghua University.Part-time program. Applicants with bachelor degree shall have a minimum of seven years of working experience, or with master degree shall have a minimum of five years of working experience. Please call +86-10-62786773 for questions.

Doctoral Programs

Tsinghua Shenzhen International Graduate School accepts bachelor degree holders to pursue doctoral degrees. Applicants must meet all the uniform requirements of the university, as well as the requirements of this school/department listed below: 1. The Minimum Requirement of Undergraduate GPA or Average scores:3.5/4 or B+ or 85/100; 2. Chinese Proficiency Requirement: HSK band 4 with a score of 195 or above; English program applicants can be exempt from the HSK certificates; 3.Non-native English speakers must meet the minimum English proficiency requirement: TOEFL: 80/ IELTS: 6.5.

Major	Research Field	Remarks
Chemistry	Chemical Biology	
	Catalytic Chemistry	
Biology	Cell Biology	
	Bioinformatics & Systems Biology	
Mechanical Engineering	Bio-Mechanical Engineering Science	
	Precision and Nontraditional Manufacturing	
	Bionic manufacturing	
Instrument Science and Technology	Analytical Instrument, Measurement and Control Technology	
	Sensors and Microsystems	
Materials Science and Engineering	Materials in Energy and Environment	
	Advanced Metallic Structural Materials	
	Computational Materials Science	
	New Carbon Materials, Energy Storage Materials	
	Functional Composite Materials	
	Electronic Information Materials	
Electrical Engineering	Power System and Automation	
	High Voltage and Insulation Technology	
Electronic Science and Technology	Microelectronics and Solid State Electronics	

Information and Communication Engineering	Image Signal and Information Processing	
	Wireless communication and networking	
	Network Big Data and Intelligent Signal Processing	
Control Science and Engineering	Control Theory and Control Engineering/Signal Processing	
	Theory and Method of System Engineering/Intelligent Transportation System	
	Pattern Recognition and Machine Learning	
	Information Processing for Ocean	
Computer Science and Technology	Computer Network	
	Data and Knowledge Engineering	
	Human-computer interaction and pervasive computing, multimedia information processing and network multimedia	
	Computer Vision, Pattern Recognition and Machine Learning	
Civil Engineering	Structural Engineering	
	Information Technology in Civil Engineering	
Environmental Science and Engineering	Environmental Science	
	Environmental Engineering	
	Environmental Ecology	
	Environmental Planning and Management	
Biomedical Engineering	Biomedical Imaging and Image Processing	HSK band 4 with a score of 195 or above.
Management Science and Engineering	Operations Research and Logistics Management	HSK band 4 with a score of 195 or above.

Contact Information

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Office Hour: 8:30-12:00, 13:30-17:30, M-F